

# THE WESTERN Journal of Medicine

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### ANESTHESIOLOGY

March 17-21—**American Society of Regional Anesthesia.** Del Monte Hyatt, Monterey. Wednesday-Sunday. 16 hrs. \$175. Contact: Gale Thompson, MD, ASRA, P.O. Box 11083, Richmond, VA 23230. (804) 358-0305.

March 21-26—**Anesthesiology 1982—8th Annual Winter Meeting.** Anesthesiology Educational Foundation at Sierra Nevada Inn, Mammoth Lakes. Sunday-Friday. Contact: AEF, P.O. Box 24230, Los Angeles 90024.

April 3-10—**10th Obstetric Anesthesia Conference.** Dept. of Anesthesiology, Ohio State Univ. College of Medicine, at Sheraton Waikiki, Oahu, Hawaii. One week. 25 hrs. Contact: Dept. of Anesthesiology, c/o Bradford Travel, 1200 W. Henderson Rd., Columbus, OH 43220. (614) 457-9990 or (614) 421-8487 (OSU).

April 26-30—**6th Annual Hawaiian Seminar on Clinical Anesthesiology.** Calif. Society of Anesthesiologists at Maui Surf Hotel, Maui. Monday-Friday. 20 hrs. Contact: Educational Programs Div., CSA, 100 S. Ellsworth Ave., Suite 806, San Mateo 94401. (415) 348-1407.

May 22-23—**Hemodynamic Monitoring/Pulmonary Artery Catheterization—Hands-on Workshops.** Calif. Soc. of Anesthesiologists and Stanford at Stanford. Saturday-Sunday. 15 hrs. \$275, CSA members; \$325, nonmembers. Contact: Educational Prog. Div., CSA, 100 S. Ellsworth Ave., Suite 806, San Mateo 94401. (415) 348-1407.

June 10-13—**California Society of Anesthesiologists—Annual Meeting.** Town and Country, San Diego. Thursday-Sunday. Contact: Educational Prog. Div., CSA, 100 S. Ellsworth Ave., Suite 806, San Mateo 94401. (415) 348-1407.

June 24-26—**Practical Closed Circuit Anesthesia II.** Pacific Medical Center at Hyatt at Union Square, San Francisco. Thursday-Saturday. 17 hrs. \$300. Contact: Office of Cont. Ed., PMC, P.O. Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.

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### CANCER

March 25-27—**Western States Conference on Cancer Rehabilitation: Psychosocial, Physical and Economic Interventions.** No. Calif. Cancer Prog.; Am. Cancer Soc., Calif. Div.; UCLA Jonsson Comprehensive Cancer Ctr.; L.A. Co-USC

Comprehensive Cancer Ctr.; Community Cancer Control. L.A.; S.F. Regional Cancer Fndn. at Fairmont Hotel, San Francisco. Thursday-Saturday. Contact: Carrie Ewing, No. Calif. Cancer Prog., P.O. Box 10144, Palo Alto 94303. (415) 497-7431.

April 2-7—**Hematology/Oncology Update.** See Medicine, April 2-7.

April 3—**Oncology Update 1982.** Northridge Hospital Medical Center at Biltmore Hotel, Los Angeles. Saturday. 8 hrs. \$125. Contact: Sandra Rozzen, Med. Ed. Dept., NHMC, 18300 Roscoe Blvd., Northridge 91328. (213) 885-5311.

April 15-17—**Cancer Symposium for Surgical and Medical Oncologists.** Memorial Hospital Medical Center-UCI Center for Health Education, Long Beach. Thursday-Saturday. 17 hrs. Contact: Asst. Dir., Ctr. for Health Education, 2801 Atlantic Ave., Long Beach 90801. (213) 595-3811.

April 22-24—**Bladder Cancer.** American Urological Assn. at Biltmore Hotel, Los Angeles. Thursday-Saturday. 16 hrs. Contact: Alice Henderson, AUA Office of Education, P.O. Box 25147, Houston, TX 77005.

(Continued on Page 53)

### KEY TO ABBREVIATIONS

- CMA:** California Medical Association  
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Note handling of multiple authorship. If more than three authors are listed as contributors, use "et al" to designate those names after the first three. Also note capitalization, punctuation, mention of inclusive page numbers, and month and year of publication. Separate the subtitle from the title by either a dash or a colon. Use colon *only* if it appears in the original citation.

1. Jones JS, Andersen HW, Johnson DW, et al: The athletic heart revisited—Sudden death of a 28-year-old athlete. *JAMA* 1978 Apr 26; 292:444-456

2. Graybill JR, Alford RH, Smith RG, et al: Cell-mediated immunity in cryptococcosis: A brief review. *Cell Immunol* 1978 Sep; 7:76-79

### Books

Note handling of "edition," "editor(s)," and "volume," as well as appropriate sequence of reference information and capitalization of chapters and titles.

3. Berne EJ, Smith TL: Role playing in therapy, chap 2, *Principles of Group Therapy*. New York, Oxford University Press, 1966, pp 35-51 (*author of chapter same as author of book*)

4. Munsung JM: The role of drugs, chap 2, *In Brest AN, Mayer JH (Eds): Hypertension—Vol 2, Therapy*, 2nd Ed. Springfield, IL, Charles C Thomas, 1961, pp 456-479 (*author of chapter different from authors of book*)

### Pamphlets, Monographs or Books With No Given Author

5. AMA Department of Drugs: *AMA Drug Evaluation*, 3rd Ed. Littleton, MA, Publishing Sciences Group, Inc, 1977 (*corporate author*)

6. Compilation of Standard Definitions, 3rd Ed. Philadelphia, American Society for Testing and Materials, 1976 (*no given author; give name and place of publisher*)

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Any article accepted for publication should include the name of the journal (appropriately abbreviated) in which it will appear, and the phrase "in press" or "accepted for publication" in place of the date of publication.

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**BREASTFEEDING—A Manual for Health Professionals**—Victor LaCerva, MD, Clinical Assistant Professor, Department of Pediatrics, University of New Mexico Medical Center. Medical Examination Publishing Co., Inc., an Excerpta Medica Company, 869 Stewart Avenue, Garden City, New York (11530), 1981. 173 pages, \$10.50 (paperback).

**THE CLAY PEDESTAL—A Re-examination of the Doctor-Patient Relationship**—Thomas Preston, MD, Director of Cardiology, U.S. Public Health Service Hospital, Seattle; Fellow of the American College of Cardiology; Fellow of the American Heart Association Council on Clinical Cardiology; Professor of Medicine, University of Washington. Madrona Publishers, Inc., 2116 Western Avenue, Seattle, WA (98121), 1981. 226 pages, \$12.95.

**CLINICAL CARDIOLOGY—Third Edition**—Maurice Sokolow, MD, Professor of Medicine Emeritus, Senior staff member, Cardiovascular Research Institute, formerly Chief of Cardiology and Program Director of the USPHS Clinical Cardiology Training Program, University of California, San Francisco; and Malcolm B. McIlroy, MD, Professor of Medicine, Senior staff member, Cardiovascular Research Institute, University of California, San Francisco. Lange Medical Publications, Drawer L, Los Altos, CA (94022), 1981. 763 pages, \$21.50 (paperback).

**EPILEPSY: The Facts**—Anthony Hopkins, Physician in Charge, Department of Neurological Sciences, St. Bartholomew's Hospital, London. Oxford University Press, 200 Madison Avenue, New York, NY (10016), 1981. 158 pages, \$11.95.

**GENERAL UROLOGY—Tenth Edition**—Donald R. Smith, MD, Professor of Urology, University of California School of Medicine, San Francisco; Visiting Professor of Urology, University of Ain Shams, University of Cairo. Lange Medical Publications, Drawer L, Los Altos, CA (94022), 1981. 598 pages, \$19.50 (paperback).

**HEAD AND NECK ONCOLOGY**—Edited by A. Robert Kagan, MD, Department of Radiation Therapy, Southern California Permanente Medical Group, Los Angeles; and John W. Miles, MD, Department of Otolaryngology, Southern California Permanente Medical Group, Los Angeles.—In the series: **CONTROVERSIES IN CANCER TREATMENT**. Harvey A. Gilbert, MD, Series Editor. G. K. Hall Medical Publishers, 70 Lincoln Street, Boston, MA (02111), 1981. 360 pages, \$55.00.

**LAW ON CULTS**—I. H. Rubenstein, member of the Illinois Bar. The Ordain Press, P.O. Box 68, Chicago, IL (60690), 1948, 1981. 120 pages, \$4.95 (paperback).

**LONGEVITY—Fulfilling Our Biological Potential**—Kenneth R. Pelletier, PhD, Assistant Clinical Professor, Department of Psychiatry and the Langley Porter Neuropsychiatric Institute, University of California, San Francisco, School of Medicine; Assistant Professor, Department of Public Health, University of California, Berkeley, and Director of the Psychosomatic Medicine Clinic, Berkeley. A Merloyd Lawrence Book, Delacorte Press/Seymour Lawrence, 1 Dag Hammarskjöld Plaza, New York, NY (10017), 1981. 431 pages, \$15.95.

**PERSONAL MONEY MANAGEMENT FOR PHYSICIANS—Third Edition**—Edited by Lawrence Farber, Senior Editor, *Medical Economics* magazine. Medical Economics Books, Box 157, Florence, KY (41042), 1981. 253 pages, \$19.95 (Price subject to change after Feb. 1, 1982).

**PROGRESS IN PERINATAL NEUROLOGY—Volume 1**—Edited by Rowena Korobkin, MD, Children's Hospital Medical Center, Oakland; and Christian Guilleminault, MD, Stanford Sleep Disorders Clinic and Research Center, Stanford University Medical School. Williams & Wilkins, 428 East Preston Street, Baltimore, MD (21202), 1981. 238 pages, \$35.00.

**RESPIRATORY MEDICINE AND INTENSIVE CARE FOR THE HOUSE OFFICER**—John J. Marini, MD, Assistant Professor of Medicine, University of Washington, Seattle. Williams & Wilkins, 428 East Preston Street, Baltimore, MD (21202), 1981. 273 pages, \$9.95 (paperback).

**SOME CLASSICS OF EXPERIMENTAL ONCOLOGY—50 Selections, 1975-1985**—Michael B. Shimkin, MD, University of California, San Diego, School of Medicine, La Jolla. NIH Publication No. 80-2150, Oct. 1980. National Institutes of Health, USPHS, U.S. Department of Health and Human Services. For sale by the Superintendent of Documents, United States Government Printing Office, Washington, D.C. (20401). 739 pages, no price quoted.

**SURGICAL ONCOLOGY**—Edited by Theodore X. O'Connell, MD, Assistant Clinical Professor of Surgical Oncology, University of California, Los Angeles, School of Medicine; Surgical Oncologist, Kaiser-Permanente Medical Center, Los Angeles.—In the series: **CONTROVERSIES IN CANCER TREATMENT**. Harvey A. Gilbert, MD, Series Editor. G. K. Hall & Co., 70 Lincoln Street, Boston, MA (02111), 1981. 266 pages, \$55.00.

**ABDOMINAL RADIOLOGY**—Editor: James J. McCort, MD; Authors: James J. McCort, MD; Robert E. Mindelzun, MD; Robert G. Filpi, MD, and Charles Rennell, MD. The Williams & Wilkins Company, 428 E. Preston St., Baltimore, MD 21202, 1981. 344 pages, \$49.50.


**Andrews' DISEASES OF THE SKIN: CLINICAL DERMATOLOGY—Seventh Edition**, by Anthony N. Domonkos, MD; Harry L. Arnold, Jr., MD, and Richard B. Odom, MD. W. B. Saunders Company, West Washington Square, Philadelphia, PA 19105, 1982, 1,108 pages, 1,277 illustrations, \$58.00 U.S., \$69.60, Canada.

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are present in the feet. Other neurologic conditions such as multiple sclerosis can cause paresthesias in the absence of other signs or symptoms.

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## Symptoms Suggesting Brain Tumors

THE AVAILABILITY of computed tomographic (CT) scanning has revolutionized the diagnosis and treatment of brain tumors and has increased awareness of the diversity of clinical symptoms. In the past, detailed autopsy series have revealed approximately ten brain tumors per 100,000 people while clinical reports have suggested approximately half this incidence. Appreciation of the unusual clinical presentations of some of these tumors may insure that a higher proportion will be identified during life.

Symptoms of brain tumors can be divided into four general categories: headache and nausea, seizures, focal neurologic deficit and mental changes. Although headaches occur in most tumors, evaluation in patients with only headaches rarely identifies one. This is particularly true when funduscopy examination reveals venous pulsations and no papilledema.

Seizures are very common in patients with slowly growing tumors of the brain parenchyma and occur in many cases of extraparenchymal tumors and in about a third of rapidly growing

tumors. CT scanning has identified tumors in approximately 10 percent of patients examined for adult-onset seizures.

Focal neurologic deficits are abnormalities of function which identify a lesion in a specific area of the brain. Examples of focal neurologic deficits are unilateral weakness or unilateral hearing loss. These types of deficits occur in most brain tumors. However, small tumors, those in "silent" areas of the brain and tumors outside the brain but within the skull may not produce focal deficits.

Mental changes are common in very large and in rapidly growing tumors, particularly if located in the frontal lobes.

Traditional teaching is that tumors are characterized by a slow but steady progression of neurologic symptoms. This is not always the case. A third of patients with brain tumors are initially thought to have strokes; tumors cause 5 percent to 10 percent of spontaneous intracerebral hemorrhages.

We recommend investigation of patients by contrast-enhanced computed tomography if one or more of the following are present: headache with loss of retinal vein pulsations, papilledema, adult-onset seizures, focal neurologic deficit (unless a peripheral nerve or spinal cause is apparent) or progressive mental changes. This procedure should identify nearly all intracranial tumors.

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